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Attorney Docket No.
4633-0180PUS1

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:		ROTARY 1	EXPANDER				
Fill in Appropriate	the specification of wh	ich is attached l	nereto. If not attached he	reto, the applicati	on is identified by the	e attorney docket	number as set
	forth above and/or the			• • •	•	,	
Information -	The specification	was filed on					as
For Use Without	United States Ap	plication Numb	er				;
Specification	United States Application Number						e) and/or
Attached:	the specification		`	as PCT			
	International App		; and was				
			(if applicable)				
			ed and understand the c				
	I acknowledge the Regulations, §1.56.	idment referred he duty to disc	to above. lose information which	is material to pa	itentability as define	d in Title 37, Co	de of Federal
·	thereof, or patented o year prior to this application date of this application representative or assignatent or inventor's ca application by me or not be the prior of the pri	r described in a lication, that the on, that the inve on in any cour gns more than t ertificate on this ny legal represe reign priority b	the same was ever knowny printed publication is same was not in publication has not been pater try foreign to the Unit welve months (six mont invention has been filed intatives or assigns, excepenefits under Title 35, Util did have also identified be	n any country be c use or on sale is nited or made the ted States of Am hs for designs) p i in any country in the follows.	fore my or our invert in the United States of subject of an inventonerica prior to this application foreign to the United of S119(a)-(d) of any for	ntion thereof or r of America more or's certificate issa- tion filed by me on, and that no a States of Americ oreign application	nore than one than one year ued before the cor my legal application for a prior to this
	a filing date before tha	t of the applicat	ion on which priority is o	laimed:	application for patent	or inventor's cer	inicate naving
	Prior Foreign Appli		• •			Priority (	Claimed
Insert Priority	0 11	` ,				,	
Information:	2004-067315	Japan		March 10, 20	04	$\boxtimes$	
(if appropriate)	(Number)	(Country)		(Month/Day,	(Year Filed)	Yes	No
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	(Number)	(Country)		(Month/Day,	(Year Filed)	Yes	No
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	(Number)	(Country)		(Month/Day,	Year Filed)	Yes	No
	(NI1)	· ·	<del> </del>	01 11 17	04 70 15		
	(Number)	(Country)		(Month/Day/	Year Filed)	Yes	No
	I hereby claim the ben	efit under Title 3	35, United States Code, §	119(e) of any Unit	ed States provisional	applications(s) li	sted below.
nsert Provisional							
Application(s): (if any)	(Application Number)		(Filing Date)				
	(Application Number) (Filing Date)						
	All Foreign Application the Filing Date of This		ny Patent or Inventor's C	ertificate Filed M	ore than 12 Months	6 Months for De	signs) Prior to
	Country		Application Number		Date of Filing (Mon	th/Day/Year)	
nsert Requested	<b>,</b>				Dute 01 1 1111.6 (111011	,, rear,	
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if appropriate)							
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	continuation-in-part a disclosed in the prior Code, §112, I acknow	pplication(s) list United States an ledge the duty §1.56 which be	35, United States Code, led below and, insofar a d/or PCT application in to disclose information came available between tion.	s the subject ma the manner provi which is material	tter of each of the cluded by the first para to the patentability	aims of this app graph of Title 35, as defined in Titl	lication is not United States le 37. Code of
nsert Prior U.S.	_						
Application(s): if any)	(Application Number)		(Filing Date)		(Status - patented, pending, abandoned)		ed)
Page 1 of 2 Rev. 12/2002)	(Application Number)	·	(Filing Date)	<del></del>	(Status - patented, p	ending, abandon	ed)

ものらっぱーのももいっ / Attorney Docket No.

I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys to agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

## BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

Full Name of First or Sole Inventor: Insert Name of Inventor -Insert Date This Document is Signed

Insert Residence Insert Citizenship Insert Post Office Address

Full Name of Second Inventor, if any: see above

Full Name of Third Inventor, if any:

Full Name of Fourth Inventor, if any:

Inventor, if any:

Full Name of Sixth Inventor, if any: I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
Masakazu OKAMOTO	masakagu Oleamoto		April 4, 2005					
Residence (City, State & Country)	**************************************	CITIZ	ENSHIP					
Osaka, Japan		Japan						
MAILING ADDRESS (Complete Street Address including City, State & Country)								
c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511, Japan								
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
Michio MORIWAKI	Michio Morinati		April 7, 2005					
Residence (City, State & Country)		CITIZ	CITIZENSHIP					
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MAILING ADDRESS (Complete Street Address including City, State & Country)								
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GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
Eiji KUMAKURA	Eiji Kumakura	_	April 6. 2005					
Residence (City, State & Country)		CITIZ	ENSHIP					
Osaka, Japan	Japan							
MAILING ADDRESS (Complete Street Address including City, State & Country)								
c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511, Japan								
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
GIVEN NAME/FAMILY NAME Tetsuya OKAMOTO			DATE* April, 6, 2005					
	INVENTOR'S SIGNATURE Tetsuza Obamolo	CITIZ	DATE* April, 6, 2005 ENSHIP					
Tetsuya OKAMOTO		CITIZ Japan	April, 6, 2005 ENSHIP					
Tetsuya OKAMOTO Residence (City, State & Country)	Tetsuza Okamoto	1	April, 6, 2005 ENSHIP					
Tetsuya OKAMOTO Residence (City, State & Country) Osaka, Japan	Tetsuse Obamoto	Japan	April, 6, 2005 ENSHIP					
Tetsuya OKAMOTO Residence (City, State & Country) Osaka, Japan MAILING ADDRESS (Complete Street Address i	ncluding City, State & Country) STRIES, LTD., 1304, Kanaoka-cho, S INVENTOR'S SIGNATURE	Japan Sakai-sh	April, 6, 2005 ENSHIP  i, Osaka 591-8511, Japan					
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Tetsuya OKAMOTO Residence (City, State & Country) Osaka, Japan MAILING ADDRESS (Complete Street Address i c/o Kanaoka Factory, Sakai Plant, DAIKIN INDU GIVEN NAME/FAMILY NAME Katsumi SAKITANI	ncluding City, State & Country) STRIES, LTD., 1304, Kanaoka-cho, S INVENTOR'S SIGNATURE	Japan Sakai-sh	April, 6, 2005 ENSHIP  i, Osaka 591-8511, Japan  DATE*  April 4, 2005 ENSHIP					
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